

WHAT IS CLAIMED IS:

1. A production management method for managing a production process of producing products on a lot unit basis, comprising the steps of:
 - 5 pre-storing production information including a delivery date of said lot, a process amount, a term of work, and operating states and production capabilities of a manufacturing apparatus;
 - calculating a delivery date prediction for each of said lots on the basis of said production information and determining whether or not there is a delay in each of said lots on the basis of the delivery date prediction and the delivery date;
 - 10 outputting an alarm for a lot having a delay; and
 - analyzing the cause of the delay and instructing a proper countermeasure for the cause of the delay when the degree of the delay is higher than a predetermined degree.
2. The production management method according to claim 1, wherein
 - 5 said production process includes a plurality of processes, and the method further comprises the step of calculating an updated delivery date prediction for each of said lots on the basis of production information in the present process and subsequent processes and determining the presence or absence of a delay on the basis of the updated delivery date prediction and the delivery date for each of said lots.
3. The production management method according to claim 1, further comprising the step of:
 - 5 extracting a lot which is not delayed and of which allowance of the delivery date prediction to the delivery date is larger than a predetermined allowance from said lots and temporarily ceasing progress of the extracted lot.
4. The production management method according to claim 2,

further comprising the step of:

extracting a lot which is not delayed and of which allowance of the delivery date prediction to the delivery date is larger than a predetermined allowance from said lots and temporarily ceasing progress of the extracted lot.

5. The production management method according to claim 1,
further comprising the step of:

determining a lot in two or more lots having a delay, to which a priority is given.

6. The production management method according to claim 2,
further comprising the step of:

determining a lot in two or more lots having a delay, to which a priority is given.

7. The production management method according to claim 3,
further comprising the step of:

determining a lot in two or more lots having a delay, to which a priority is given.

8. The production management method according to claim 4,
further comprising the step of:

determining a lot in two or more lots having a delay, to which a priority is given.